

a powder-based binder comprising the reaction product of,

a resin having a functional group, and

a cross-linking agent reactive with said functional group of said resin,

and

a color effect-providing pigment comprising;

a pigment substrate having first and second substantially parallel and planar surfaces, and

an inorganic coating disposed on at least one of said first and second substantially parallel and planar surfaces of said pigment substrate (B)(I), said inorganic coating (B)(II) having an index of refraction of 1.8 or less,

wherein said inorganic coating (B)(II) and said pigment substrate (B)(I) of said color effect-providing pigment (B) interact with said first color effect of said substrate to produce said second color effect upon application of the film layer of the powder-based coating composition to the substrate, and said inorganic coating and said pigment substrate of said color effect-providing pigment interact with said first color effect of the substrate such that said second color effect is different from said first color effect at least by ΔL 20.0, Δa 10.0, and Δb 15.0 as measured according to CIE Lab color space.

33. A method for coating a substrate, having a first color effect, with a film layer that is at least partially transparent and that produces a second color effect different from the first color effect of the substrate, said method comprising the steps of:

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(A) combining a powder-based binder and a color effect-providing pigment to establish a powder-based coating composition wherein;

the powder-based binder comprises the reaction product of;

a resin having a functional group, and

a cross-linking agent reactive with said functional group of said resin;

and

the color effect-providing pigment comprises;

a pigment substrate having first and second substantially parallel and planar surfaces, and

an inorganic coating disposed on at least one of said first and second substantially parallel and planar surfaces of said pigment

substrate (B)(I), said inorganic coating (B)(II) having an index of refraction of 1.8 or less; and

(B) applying the powder-based coating composition to a substrate to produce the second color effect as a result of an interaction of the inorganic coating and the pigment substrate of the color effect-providing pigment with the first color effect of the substrate, such that said second color effect is different from said first color effect at least by ΔL 20.0, Δa 10.0, and Δb 15.0 as measured according to CIE Lab color space.

Remarks

Upon entry of the present amendment claims 1-32 remain in the application. Claims 33-45 are canceled without prejudice.

Claims 1-8, 10-11, 15-26 and 28-32 are rejected under 35 USC 103(a) as unpatentable over Schmid et al., US Patent No. 5,958,125, (Schmid) in view of Clark et al., US Patent No. U.S. 5,552,487, (Clark). Schmid was cited as teaching